

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number	:	7,226,602	Group Art Unit: 1648
Name of Patentee	:	Whitehead et al.	
Title	:	DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES	
Issued	:	June 5, 2007	

**REQUEST TO
“MAKE OF RECORD” NOTED ERRORS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Errors by the Patent and Trademark Office have been noted in the recently issued above-identified Letters Patent as follows:

SEE ATTACHED

Since these are inconsequential errors, a Certificate of Correction is not needed, but it is requested that this Letter be made of record by being included in the patent file.


Please charge any fees to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 31, 2007

By:


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Issued Patent Proofing Form
Proofread By: Raj (09/07/2007)

File#: NIH214.001C1

US Serial No.: 10/719,547

US Patent No.: US 7,226,602 B2

Issue Date: Jun. 5, 2007

Title: DEVELOPMENT OF MUTATIONS USEFUL FOR ATTENUATING DENGUE VIRUSES AND CHIMERIC DENGUE VIRUSES

PR Instructions: Whole Patent

Sr. No	Original		Issued Patent		Description of Error
	Page	Line	Column	Line	
1	Page 1 Issue Fee Payment (PTO-85B) (03/23/2007)	1 (Name of Assignee)	First Page Col. 1 (Assignee)	1	After "The" insert - - Government of the - -.
2	Sheet 2 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 4 Line 2 (Other Documents)	First Page Col. 2 (Other Publications)	31-32	Delete "Hemorrhagic" and insert - - Hemorrhagic - -, therefor.
3	Sheet 2 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 10 Line 2 (Other Documents)	Page 2 Col. 1 (Other Publications)	3	Delete "and" and insert - - in - -, therefor.
4	Sheet 2 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 12 Line 3 (Other Documents)	Page 2 Col. 1 (Other Publications)	10	Delete "A. J. Trop." and insert - - Am. J. Trop. - -, therefor.
5	Sheet 2 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 15 Line 1 (Other Documents)	Page 2 Col. 1 (Other Publications)	17	Delete "hemorrhagic" and insert - - hemorrhagic - -, therefor.
6	Sheet 3 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 5 Line 1 (Other Documents)	Page 2 Col. 1 (Other Publications)	37	Delete "histopathology" and insert - - histopathology - -, therefor.
7	Sheet 4 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 6 Line 1 (Other Documents)	Page 2 Col. 2 (Other Publications)	20	Delete "(ChimeriVax TM)" and insert - - (ChimeriVax TM) - -, therefor.

8		Sheet 4 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 9 Line 2 (Other Documents)	Page 2 Col. 2 (Other Publications)	33	Delete "stain" and insert - - strain - -, therefor.
9		Sheet 4 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 14 Line 1 (Other Documents)	Page 2 Col. 2 (Other Publications)	48	Delete "med." and insert - - Med. - -, therefor.
10		Sheet 5 of 5 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 1 Line 3 (Other Documents)	Page 2 Col. 2 (Other Publications)	62	Delete "med." and insert - - Med. - -, therefor.
11		Sheet 1 of 1 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 1 Line 2 (Non Patent Literature Documents)	Page 3 Col. 1 (Other Publications)	13	Delete "Dateabase" and insert - - Database - -, therefor.
12		Sheet 1 of 1 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 6 Line 2 (Non Patent Literature Documents)	Page 3 Col. 1 (Other Publications)	29	Delete "medicine" and insert - - Medicine - -, therefor.
13		Sheet 1 of 2 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 2 Line 2 (Non Patent Literature Documents)	Page 3 Col. 1 (Other Publications)	37	After "mice and" delete "and" and insert - - an - -, therefor.
14		Sheet 1 of 2 List of References cited by applicant and considered by examiner (07/18/2006)	Entry 4 Line 2 (Non Patent Literature Documents)	Page 3 Col. 2 (Other Publications)	7	Delete "Arch" and insert - - Arch. - -, therefor.
15		Page 1 Specification (11/21/2003)	5	1	8	Delete "PCT/JUS02/16308" and insert - - PCT/US02/16308 - -, therefor.
16		Page 5 Specification (11/21/2003)	20	4	17	Delete "±standard" and insert - - ± standard - -, therefor. (Consider Space)
17		Page 11 Specification (11/21/2003)	19	8	5	Delete "G.-J." and insert - - G.J. - -, therefor.

18		Page 19 Specification (11/21/2003)	15	13	20 (Approx.)	Delete “1DEN4” and insert - - DEN4 - -, therefor.
19		Page 23 Specification (11/21/2003)	6	15	51	Delete “(Bharnarapravati,” and insert - - (Bhamarapravati, - -, therefor.
20		Page 24 Specification (11/21/2003)	11	16	38	Delete “phenotype.manifesting” and insert - - phenotype manifesting - -, therefor.
21		Page 31 Specification (11/21/2003)	13	21	27	Delete “1980Infect” and insert - - 1980 Infect - -, therefor. (Consider Space)
22		Page 33 Specification (11/21/2003)	23	22	66	Delete “30 µl” and insert - - 30µl - -, therefor.
23		Page 34 Specification (11/21/2003)	5	23	17	Delete “DEN45-fluorouracil” and insert - - DEN4 5-fluorouracil - -, therefor. (Consider Space)
24		Page 37 Specification (11/21/2003)	29	25	55	Delete “flavivirus es” and insert - - flaviviruses - -, therefor.
25		Page 38 Specification (11/21/2003)	21	26	21	Delete “Show” and insert - - show - -, therefor.
26		Page 54 Specification (11/21/2003)	3	36	47	Delete “5-1A1.5-1A1” and insert - - 5-1A1. 5-1A1 - -, therefor. (Consider Space)
27		Page 57 Specification (11/21/2003)	13	38	57	Delete “flavivirus es” and insert - - flaviviruses - -, therefor.
28		Page 58 Specification (11/21/2003)	25	39	56	Delete “flavivirus es.” and insert - - flaviviruses. - -, therefor.
29		Page 58 Specification (11/21/2003)	26	39	57	Delete “11e” and insert - - lie - -, therefor.
30		Page 60 Specification (11/21/2003)	5	40	46	Delete “Example I” and insert - - Example 1 - -, therefor.
31		Page 67 Specification (11/21/2003)	19	45	42-43	Delete “12µDOTAP” and insert - - 12µl DOTAP - -, therefor.
32		Page 73 Specification (11/21/2003)	25	49	52	Delete “2AA30” and insert - - 2AΔ30 - -, therefor.
33		Page 79 Specification (11/21/2003)	20	53	48 (Approx.)	Delete “0.1987” and insert - - 1987 - -, therefor.
34		Page 80 Specification (11/21/2003)	23	54	28	Before “live” delete “an” and insert - - a - -, therefor.

35		Page 91 Specification (11/21/2003)	4 Col. 18 (Table 7)	62	35 (Approx.)	After “reduction from” delete “wt ^d ” and insert - - wt ^d - -, therefor.
36		Page 106 Specification (11/21/2003)	2 (Excluding Table 17)	79	20 (Approx.)	Delete “10 ⁷ HuH-7” and insert - - 10 ⁷ HuH-7 - -, therefor. (Consider Space)
37		Page 118 Specification (11/21/2003)	8 (Excluding Table 27)	90	66 (Approx.)	Delete “reression,” and insert - - regression, - -, therefor.

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